

Mini-megatortora status update

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Abstract

Here we give a status report on the next generation, multi-objective and transforming monitoring system, MiniMegaTORTORA, with two variants (MMT-6 based on image intensifiers with fast CCDs and MMT-9 equipped with Andor Neo sCMOSes) now under construction and commissioning at SAO RAS. This system combines a wide field of view with subsecond temporal resolution in monitoring regime, and is able to reconfigure itself, in a fractions of second, to follow-up mode which has better sensitivity and provides us with multi-color and polarimetric information on detected transients simultaneously. Hardware and software solutions used for the systems, as well as perspectives of its operation, are also discussed.

Keywords

Gamma-ray burst: general, Instrumentation: miscellaneous, Meteorites, meteors, meteoroids, Telescopes